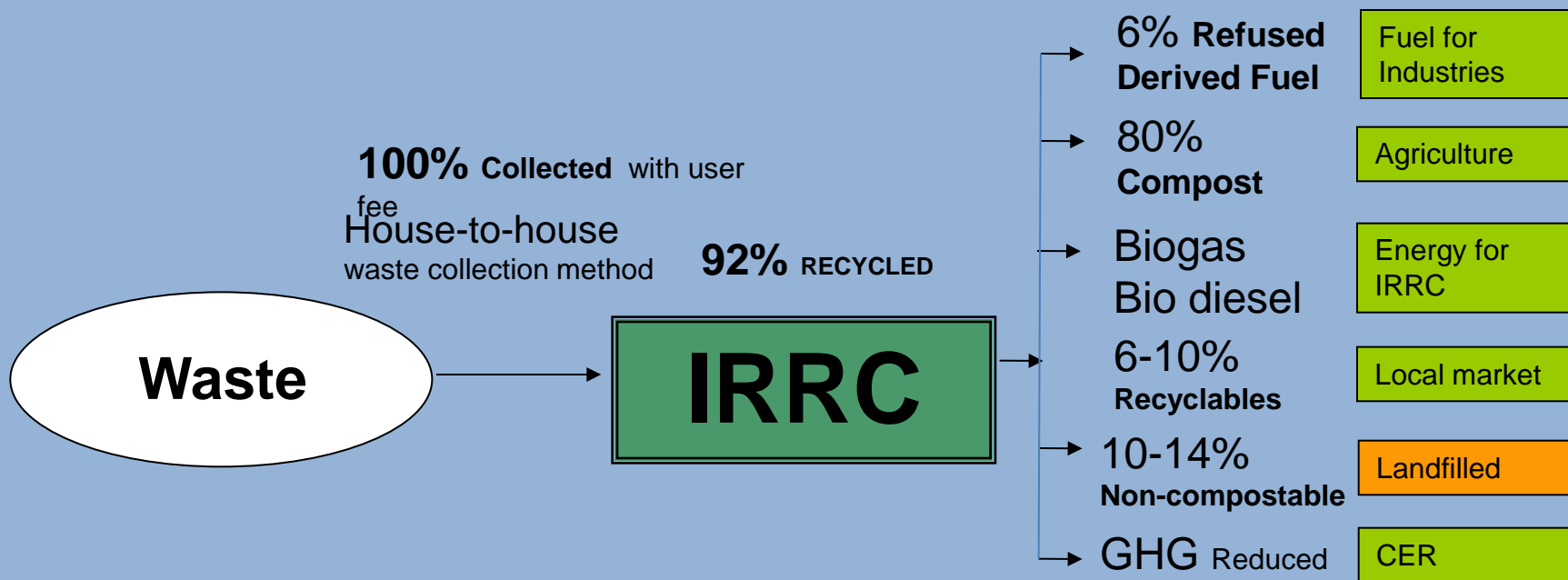


- **W2RF** currently operates in Asia and plans to expand activities into Africa.

❑ Integrated Resource Recovery Center (IRRC) is a facility where significant portion (80-90%) of waste can be composted/recycled and processed in a cost effective way near the source of generation in a decentralized manner. IRRC is based on 3 R Principle.



What environmental, economic and social benefits does the W2R Fund provide?

- By using proven technology as well the managerial expertise of Waste Concern consultants and other partners in the knowledge network, cities and entrepreneurs can achieve the following benefits for every 1 metric ton of recycled solid waste:
 - Create 2 new waste picking jobs
 - Produce 0.25 tons of good-quality compost
 - Reduce 0.5 tons of greenhouse gas emissions
 - Produce 40–80 m³ of biogas or 240 kWhr of electricity
 - Save 1.1 m³ of landfill area



What environmental, economic and social benefits does the W2R Fund provide?

- Positively impact 2,000–3,000 urban residents
- Avoid the production of 0.2–0.3 m³ of highly polluted leachate water, which would otherwise contaminate ground and surface water
- Reduce the risk of 40 diseases directly or indirectly linked with unmanaged municipal solid waste
- Increase crop production by 25–30 per cent and reduce the use of chemical fertilizer by 35–40 per cent, thereby increasing food security and contributing to climate change mitigation and adaptation.



Information for application available at the following address

Back Office: Waste Concern Consultants

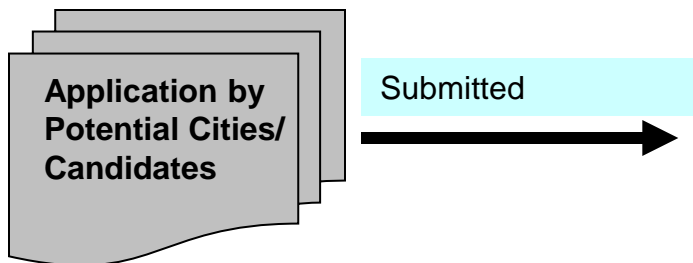
House- 21 (Side B), Road-7, Block-G

Banani Model Town, Dhaka-1213, Bangladesh

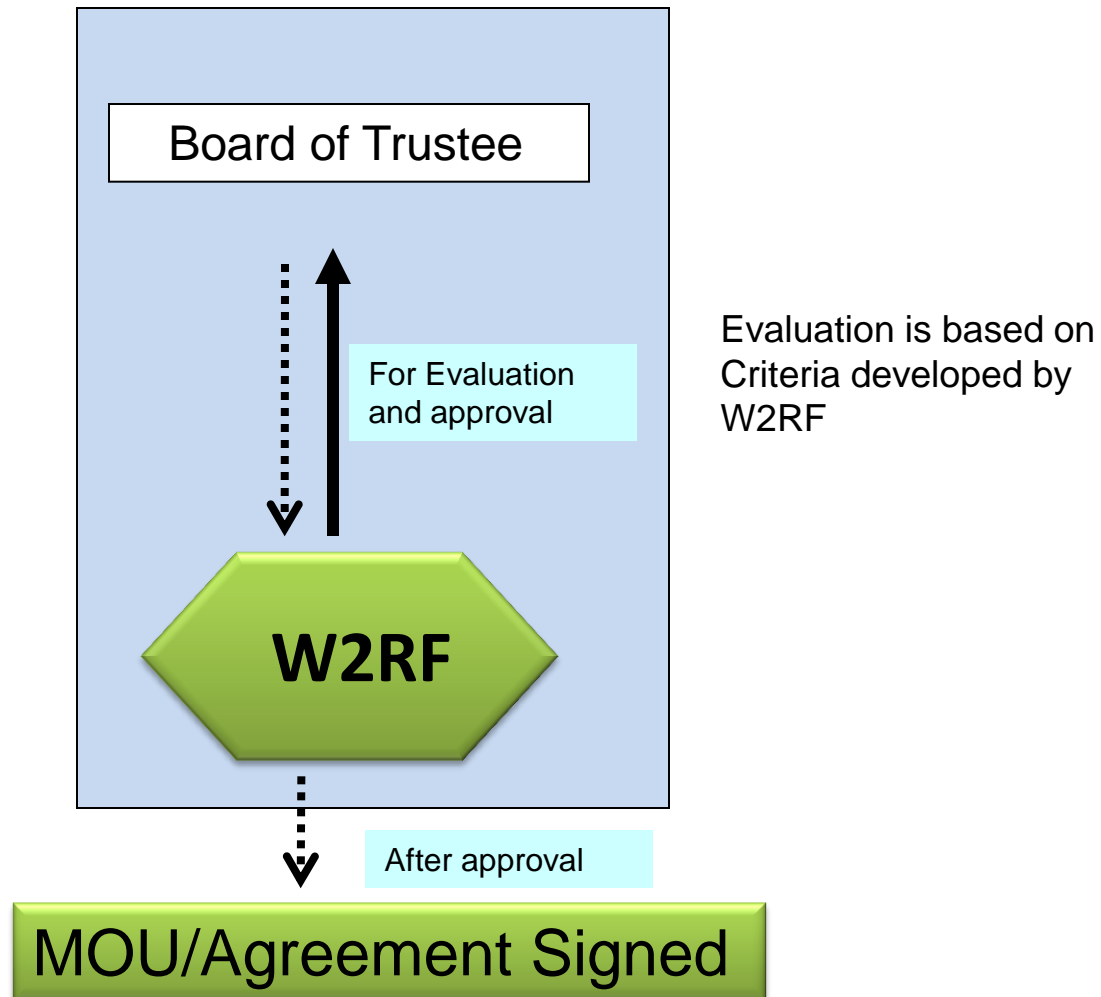
Tel: + +88-02-9873002, +88-02-9873067

+88-02-9873110; Fax: +88-02-9884774

Email: waste2resource@wasteconcern.org



Application Process



Steps Followed to **Establish a New IRRC**

National Workshop

A national workshop is convenient where key stakeholders are invited from national and sub-national levels

National Workshop

Selection of Sub-national Area

Ensure Local Support/ Political will

Baseline Study

Prepare Business Plan

Establishment of IRRC

Awareness Campaign



Selection of Sub-national Area

Sub-nationals are identified initially by their expression of interest (including attendance in the national workshop). A process of consultation is then undertaken with interested municipalities and a shortlist of promising candidates is then prepared on the basis of interest and suitability (i.e. are they producing enough waste)

National Workshop

Selection of Sub-national Area

Ensure Local Support/ Political will

Baseline Study

Prepare Business Plan

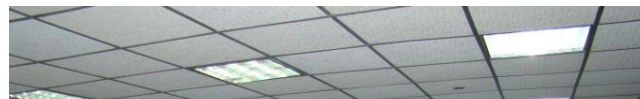
Establishment of IRRC

Awareness Campaign



Ensure Local Support/ Political will

Strong commitment by the municipality is considered key e.g. to provide access to land for waste processing sites. It becomes evident quite soon if there is high level support (e.g. if the mayor or senior staff do not attend a meeting in a city its sign there may not be interest). Key factors which usually attract high-level support are the potential for cost savings or if an area has acute problems with waste management (i.e., landfill sites are running out of space and have to be relocated).



National Workshop

Selection of Sub-national Area

Ensure Local Support/ Political will

Baseline Study

Prepare Business Plan

Establishment of IRRC

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6471

